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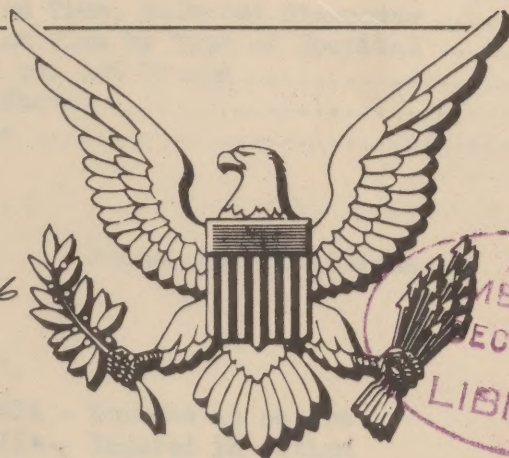
June 1944

PROGRESS REPORT ★ SECTION

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**UNITED STATES ARMY
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June 1944

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UNITED STATES ARMY
SERVICES OF SUPPLY
S.W.P.A.

Progress Report - Section 5

"HEALTH"

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Notes and Definitions

Abbreviations:

WIA - Wounded in action
IIA - Injured in action
N-B Injury - Non-battle injury
FUO - Fevers of undetermined origin

Annual Rates per Thousand: Rates in the form of "annual rates per thousand men" are conventionally used in medical statistics and reporting. They serve the purpose of basing observations on a common time-period. Most annual rates in this report are based on observation of a month-long period; such rates can be converted to rough percentages for the month by dividing them by 120.

Crude Death Rates apply to all deaths from all causes among the entire army in the theatre, as distinct from death rates made specific for cause, age, risk, and so on.

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HEALTH OF U. S. ARMY TROOPS IN SWPA
June, 1944

1. NONEFFECTIVENESS

Revised figures for the month of May show that the mean daily non-effective rate during the month was the same as for April, being 3.6% as against the estimated of 4.0%. Incomplete reports for June indicate a slight rise, apparently to 4.1%. During the month of May there was a rise in the noneffective rates for Non-battle Injuries, Neuropsychiatric Diseases, and Dengue and a decline in Battle Casualties, Undiagnosed Fevers, and Venereal Diseases, but the variations in all cases were slight. The slight decline in noneffectiveness due to battle casualties was due to prompt evacuation of these cases during May and occurred despite the fact that the number of wounded and killed in action increased. The decline in noneffectiveness due to Venereal Diseases reflects the efficacy of penicillin.

2. ADMISSIONS TO SICK REPORT

Admissions to sick report for the Southwest Pacific Area as a whole during June showed a moderate increase, due almost entirely to a marked increase in those wounded and injured in action, and a moderate increase in undiagnosed fevers. The rise in these two conditions was only partially offset by a decrease in Respiratory Diseases. Admissions to sick report among Services of Supply Troops showed a decline particularly noticeable in all mainland bases, although all forward bases except B likewise showed a decline.

3. DEATHS

A definite increase in the crude death rate was noted during May due to an increase in the number of killed in action and dying of wounds.

4. EVACUATIONS

The marked decline in the evacuation rate for June is explained by the increase in patients boarded and awaiting evacuation. This unusual situation was brought about by a change in the itinerary of the SS Comfort, originally scheduled to return a large number of patients to the U. S. The situation will be reversed by a scheduled increase in evacuations during July. There were 72 air evacuations to the U. S. during the month of June.

5. HOSPITALIZATION

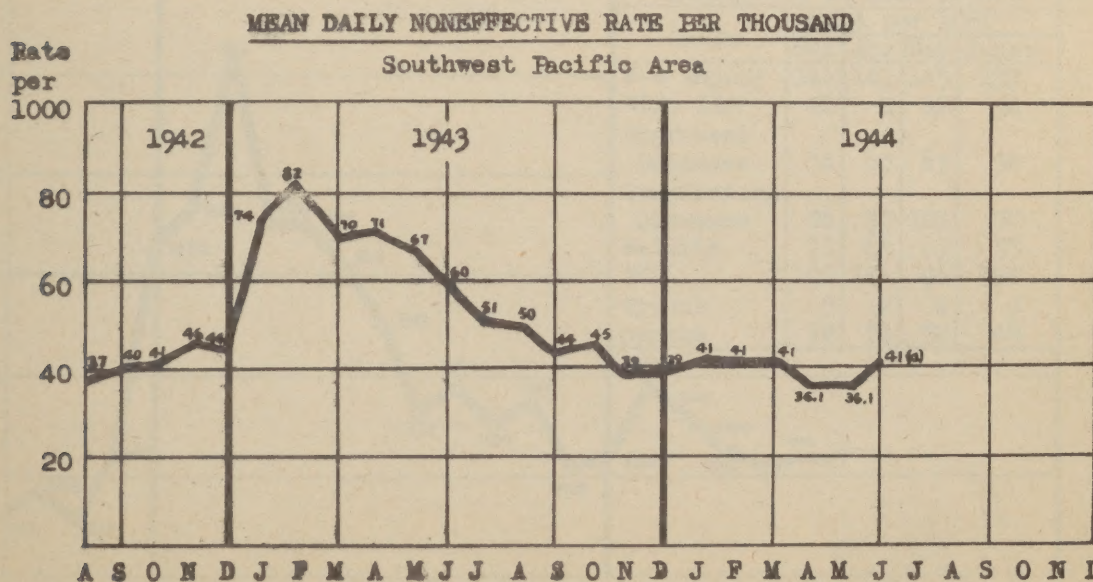
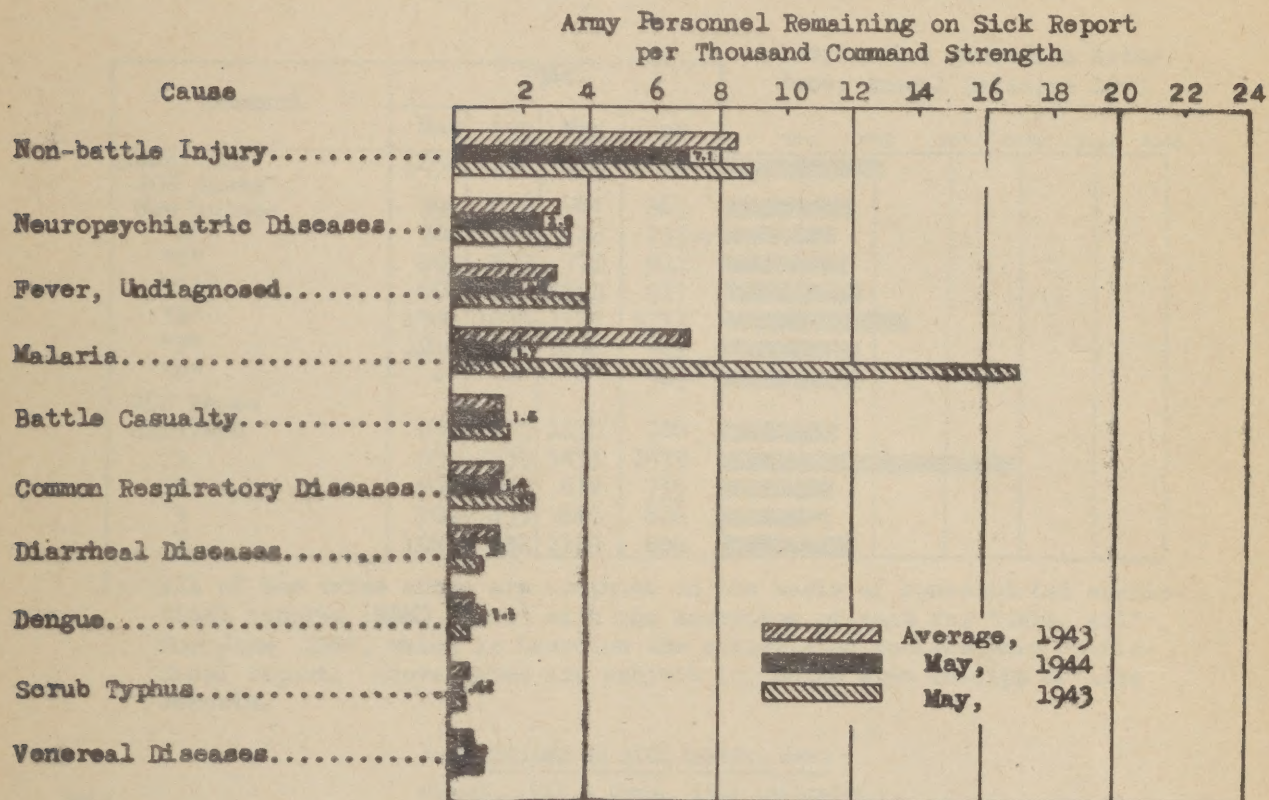
Data pertaining to hospitalization are presented on pages 8 and 9. The number of beds occupied per 100 troop strength (page 9) does not include U. S. Army troops hospitalized in Australian hospitals during January, February, and March, 1943. If these had been included, a rate of 10.5 per 100 would have been shown during February.

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LEADING CAUSES OF NONEFFECTIVENESS - MAY, 1944

(Based on Reported Conditions)



(a) Estimated, in that this rate is based on Abbreviated (Radiographic) Weekly Statistical Reports.

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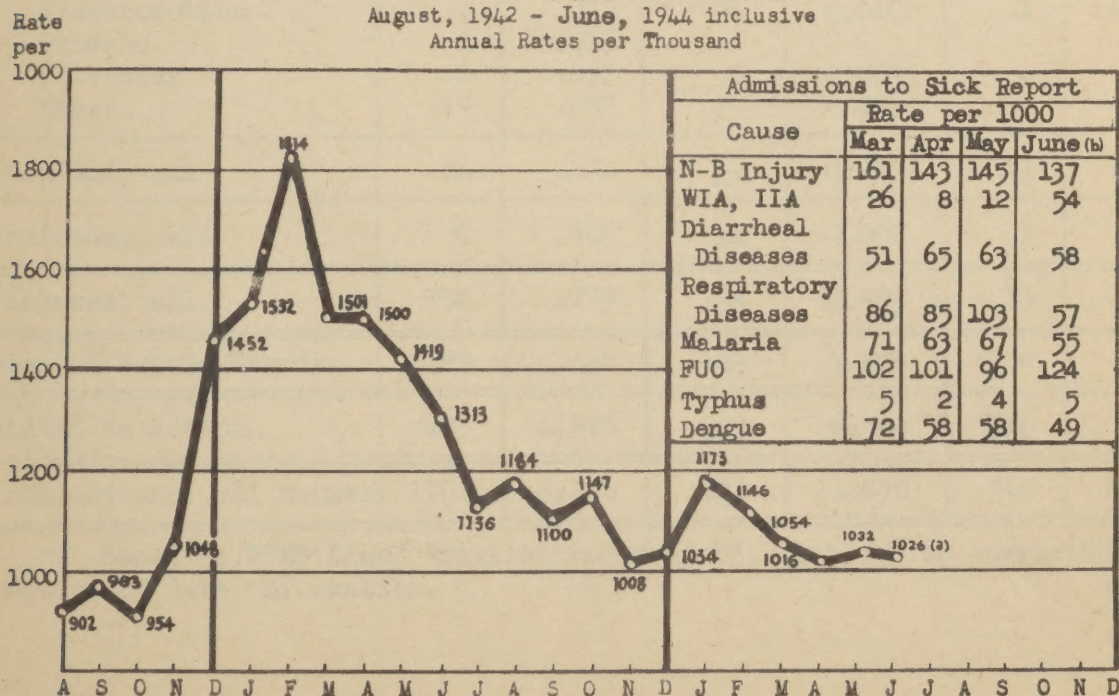
ADMISSIONS TO SICK REPORT Disease and Non-Battle Injuries Rates per Thousand per Annum

Command	1944				Comparative Admission Rates June, Annual Rates per 1000					
	Mar	Apr	May	June	500	1000	1500	2000	2500	3000
SWPA, ALL	1054	1016	1032	1026 (a)						
SOS Bases										
New Guinea	998	1016	964	865						
"A"	706	915	812	733 (a)						
"B"	899	870	772	812						
"D"	600	779	1028	917						
"E"	1903	1835	1327	1212						
"F"	1230	952	1046	901						
"G"	-	-	-	909						
SOS Bases										
Mainland	824	935	1130	786						
1	555	2559	3433	1979						
2	906	840	872	735						
3	709	653	640	626						
7	1063	882	1729	886						

(a) All of the rates above are computed on the basis of consolidated statistical reports (WDMD 86ab) with the exception of that for "SWPA, All" for June 1944, which is based on the abbreviated radiographic statistical report. Above rates are subject to change upon receipt of late reports.

ADMISSIONS TO SICK REPORT, SWPA

August, 1942 - June, 1944 inclusive
Annual Rates per Thousand



(b) Based on abbreviated radiographic statistical report.

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SECRETDEATHS BY CAUSES, SWPA

Total, 1943; 1944 thru May; and May, 1944

Absolute Numbers and Crude Annual Rates per Thousand

Cause	1943		1944 thru May		May, 1944	
	Number	Rate per 1000	Number	Rate Per 1000	Number	Rate Per 1000
Non-battle injury, all	574	2.943	463	3.050	99	2.819
Accidents, all	531	2.722	416	2.741	89	2.534
Automobiles	60	.308	49	0.323	12	0.342
Street cars	1	.005	1	0.007	-	-
Motorcycles	4	.021	-	-	-	-
Railroad	12	.062	2	0.013	-	-
Air Transportation	289	1.489	131	0.863	19	0.541
Water Transportation	4	.021	2	0.013	-	-
Drowning	46	.236	85	0.560	18	0.513
Burns	14	.072	20	0.132	2	0.057
Falls	15	.077	5	0.033	2	0.057
Firearms	57	.292	39	0.257	11	0.313
Electrocution	4	.021	6	0.040	1	0.028
Animals	2	.010	-	-	-	-
Poisoning	6	.031	1	0.007	-	-
Other	17	.087	75	0.494	24	0.683
Suicides, all	34	.174	33	0.217	7	0.199
Homicides, all	9	.046	14	0.092	3	0.085
Diseases, all	152	.779	138	0.909	33	0.940
Died of Battle Wounds	83	.426	183	1.206	64	1.822
Killed in Action	895	4.598	987	6.504	304	8.657
Total Deaths, all causes	1704	8.736	1771	11.670	500	14.238

Based on WDMD 86ab, "Statistical Report"; subject to correction on receipt of late information.

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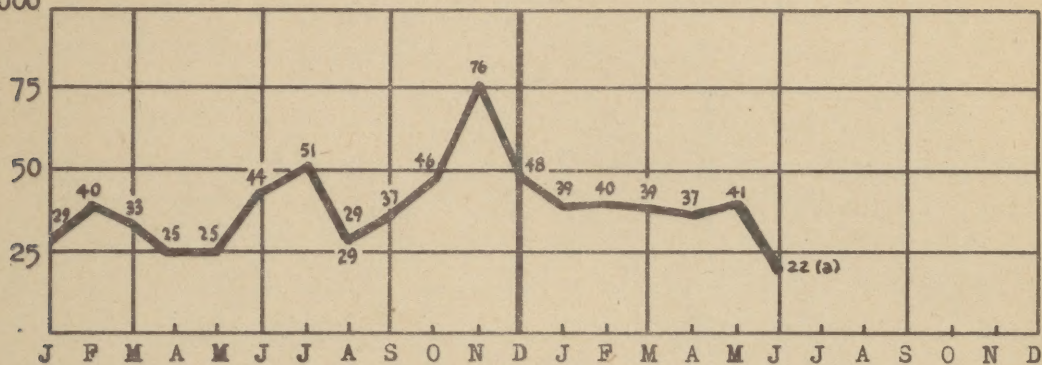
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MEDICAL EVACUATIONS, SWPA TO UNITED STATES

January, 1943 - June, 1944, Inclusive

Rates per Thousand per Annum

Rate
per
1000

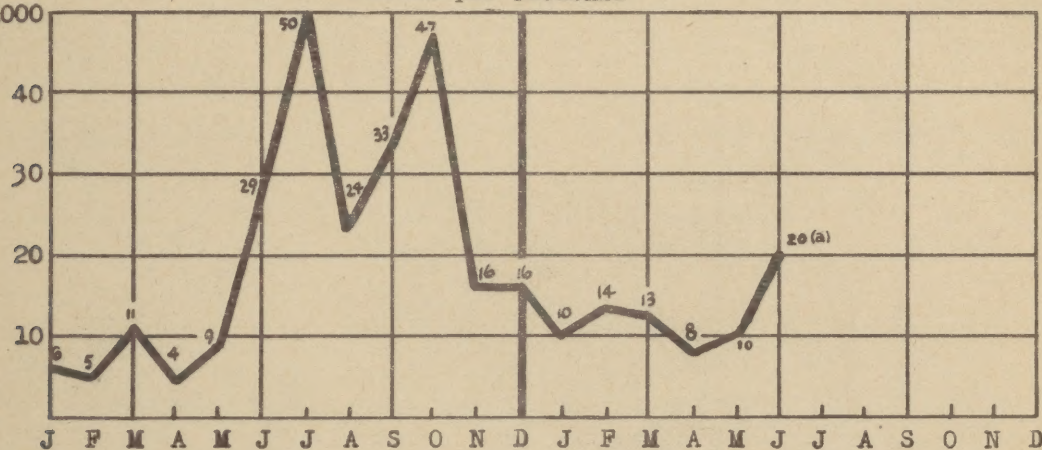


MEDICAL EVACUATIONS, (BOARDED) AWAITING EVACUATION TO UNITED STATES

January, 1943 - June, 1944, Inclusive

Rates per Thousand

Rate
per
1000

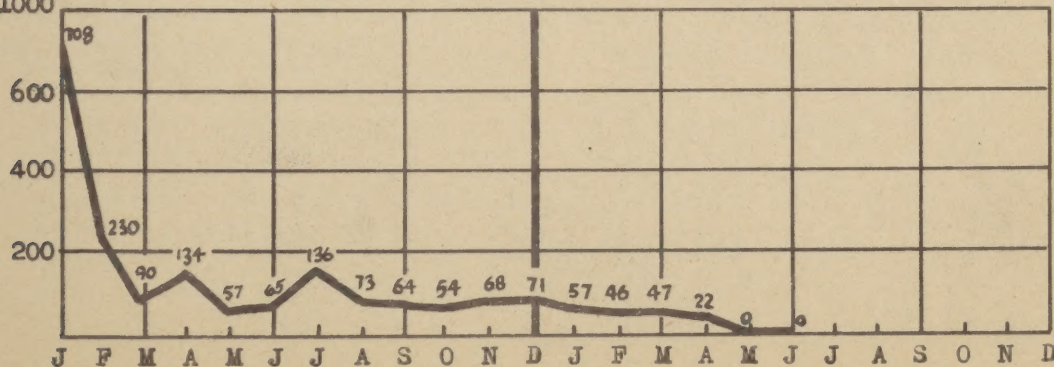


MEDICAL EVACUATIONS, NEW GUINEA TO AUSTRALIA

January, 1943 - June, 1944, Inclusive

Rates per Thousand per Annum^a

Rate
per
1000



(a) Based on Station-List Strengths

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MEDICAL EVACUATIONS BY CAUSE - SWPA TO UNITED STATES

Total 1943 - and by months 1944

Absolute Numbers and Rates per Thousand per Annum

CAUSE OF EVACUATION	191366			332598			406223			464717			512377		
	Year 1943			First Quarter 1944			April 1			May			June		
	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%
ARTHRITIS	493	2.58	5.94	166	2.00	5.05	50	1.48	3.96	91	2.35	5.75	58	1.35	6.05
ASTHMA	480	2.51	5.79	186	2.24	5.65	52	1.54	4.11	80	2.07	5.06	40	0.94	4.18
NEOPLASM	31	0.16	0.37	16	0.19	0.49	12	0.35	0.95	13	0.34	0.82	8	0.19	0.84
CARDIO-VASCULAR															
OTHER	215	1.12	2.59	74	0.89	2.25	37	1.09	2.93	30	0.77	1.90	36	0.84	3.76
HYPERTENSION	59	0.31	0.71	14	0.17	0.43	6	0.18	0.47	6	0.15	0.38	13	0.30	1.36
DEFECT OR DEFORMITY (NON-MENTAL)															
DERMATITIS	401	2.10	4.83	180	2.16	5.47	65	1.92	5.14	130	3.36	8.22	62	1.45	6.47
DIABETES	236	1.23	2.85	169	2.03	5.14	113	3.34	8.94	168	4.34	10.62	107	2.51	11.17
PTIC ULCER	38	0.20	0.46	7	0.08	0.21	3	0.09	0.24	3	0.08	0.19	1	0.02	0.10
FIARIASIS	286	1.49	3.45	54	0.65	1.64	23	0.68	1.82	30	0.77	1.90	13	0.30	1.36
MALARIA AND SEQUELAE	38	0.20	0.46	26	0.31	0.79	4	0.12	0.32	1	0.03	0.06	2	0.05	0.21
TYHUS AND SEQUELAE	108	0.56	1.30	13	0.16	0.40	-	-	-	-	-	-	2	0.05	0.21
TUBERCULOSIS	17	0.09	0.20	10	0.12	0.30	3	0.09	0.24	6	0.15	0.38	6	0.14	0.63
NEUROSYPHILIS	97	0.51	1.17	44	0.53	1.34	24	0.71	1.90	17	0.44	1.07	10	0.23	1.04
OTHER	44	0.23	0.53	13	0.16	0.40	7	0.21	0.55	2	0.05	0.13	3	0.07	0.31
VENEREAL	9	0.05	0.11	1	0.01	0.03	-	-	-	1	0.03	0.06	1	0.02	0.10
BATTLE CASUALTY AND SEQUELAE															
NON-BATTLE INJURY AND SEQUELAE	551	2.88	6.64	124	1.49	3.77	47	1.39	3.72	100	2.58	6.32	73	1.71	7.62
PSYCHOSES, ALL	751	3.92	9.05	391	4.70	11.88	86	2.54	6.80	122	3.15	7.71	97	2.27	10.13
CONSTITUTIONAL PSYCHOPATHIC STATES	862	4.50	10.39	615	7.40	18.68	315	9.31	24.92	309	7.98	19.53	127	2.97	13.26
MENTAL DEFICIENCY	70	0.37	0.84	-	-	-	1	0.03	0.08	1	0.03	0.06	1	0.02	0.10
PSYCHO-NEUROSES, ALL	48	0.25	0.58	-	-	-	1	0.03	0.08	-	-	-	-	-	-
EPILEPSY	2303	12.03	27.77	731	8.79	22.22	224	6.62	17.72	264	6.82	16.69	151	3.54	15.76
ORGANIC NEUROLOGICAL	101	0.53	1.22	30	0.36	0.91	25	0.74	1.98	27	0.70	1.71	17	0.40	1.77
OTHER CONDITIONS	122	0.64	1.47	57	0.69	1.73	9	0.27	0.71	40	1.03	2.53	31	0.73	3.24
ALL	994	4.88	11.26	369	4.44	11.21	157	4.64	12.42	141	3.64	8.91	99	2.32	10.33
TOTAL	8294	43.34	100.00	3290	39.57	100.00	1264	37.34	100.00	1582	40.85	100.00	958	22.44	100.00

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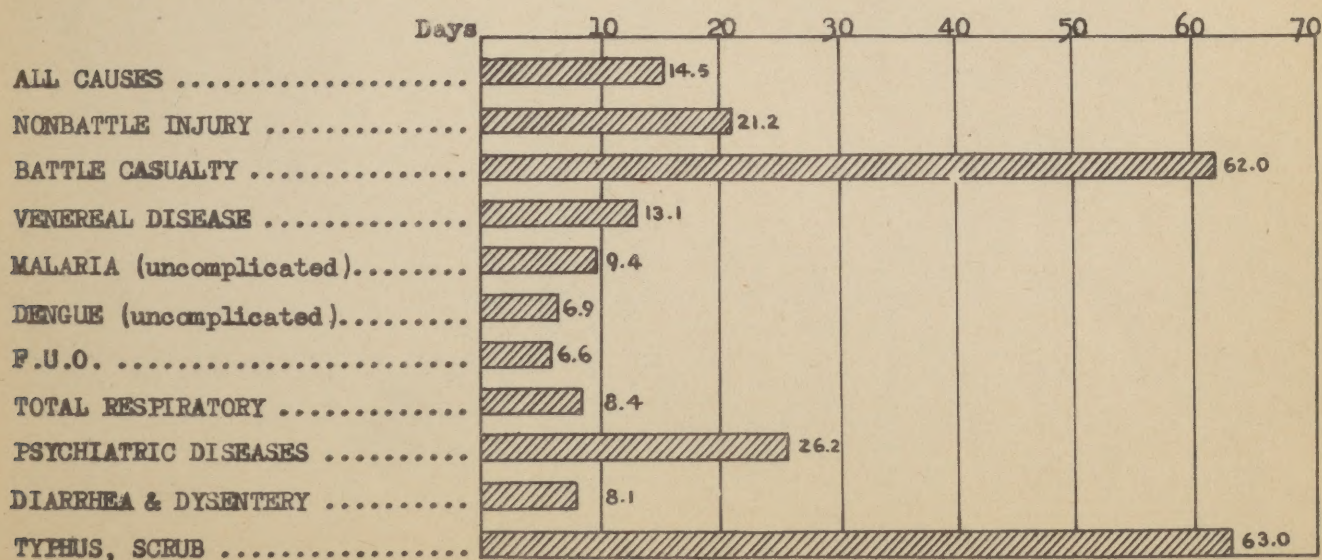
NEW GUINEA MALARIA ATTACK RATES BY AREAS AND COMMANDS, JUNE, 1944

Cases Per 1,000 Per Annum*

	6th ARMY	USASOS	FAR EAST AIR FORCE			14th AA COMMAND	USAFTE	AREA TOTAL
			5th AF	13th AF	Total AF			
Milne Bay	-	7.6	-	-	-	9.6	19.5	10.6
Oro Bay	21.5	40.5	49.6	-	49.6	46.7	13.4	28.0
Goodenough	44.4	44.8	-	-	-	-	-	44.3
Port Moresby	23.1	27.6	32.5	-	32.5	-	-	27.6
Lae	-	35.4	45.7	-	45.7	42.8	-	37.7
Nadzab	-	84.9	50.1	-	50.1	70.7	-	53.0
Gusap	-	100.0	152.4	-	152.4	65.4	-	126.7
Total Base E	-	39.6	59.9	-	59.9	65.4	-	56.0
Finschhafen	18.4	22.1	19.5	-	19.5	20.3	47.8	20.4
Saidor	-	187.5	29.3	-	29.3	-	-	53.6
Total Base F	18.4	27.3	22.7	-	22.7	18.4	47.8	22.9
Aitape	232.1	210.5	187.9	-	187.9	112.2	-	222.8
Hollandia	33.8	53.7	47.5	-	47.5	46.7	-	40.7
Total Base G	100.2	65.9	56.2	-	56.2	62.5	-	84.9
Wakde-Toem	79.4	31.2	35.5	-	35.5	59.5	-	70.4
Biak	69.1	35.4	82.7	-	82.7	20.3	-	59.2
Total W-B	74.9	36.5	38.3	-	38.3	36.2	-	65.3
Admiralties	45.6	15.2	-	15.3	15.3	38.7	-	34.9
Arawe	30.0	-	-	-	-	260.8	-	49.5
Cape Gloucester	33.2	23.0	-	-	-	-	-	28.0
Total NB	32.8	16.4	-	-	-	43.1	-	31.2
Grand Total	55.6	28.7	45.7	15.3	43.4	36.8	17.7	43.0

*Based on malaria case report cards and USAFFE station list strength, 15 June 1944

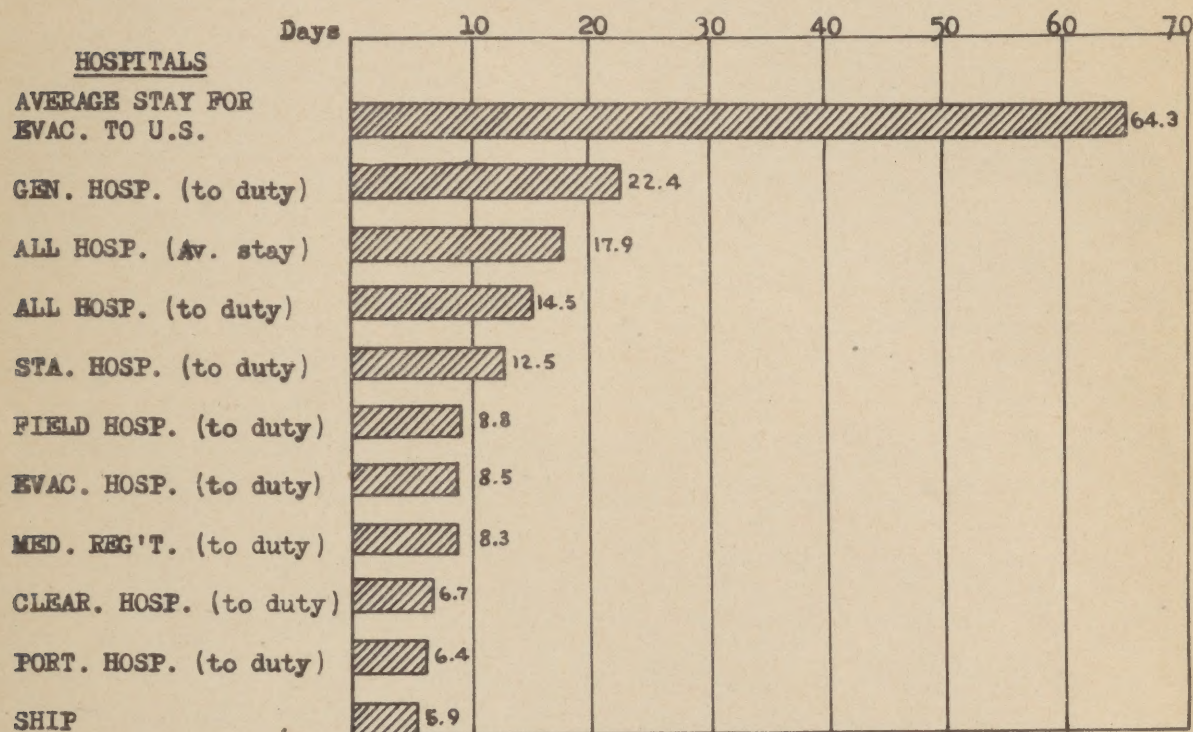
DAYS OF TREATMENT IN HOSPITAL SELECTED DIAGNOSES, SWPA, FOR RETURNED TO DUTY CASES ONLY



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AVERAGE STAY IN HOSPITALS --- FROM ADMISSION TO DUTY, ADMISSION TO TRANSFER, TRANSFER TO TRANSFER, AND FROM TRANSFER TO DUTY, ADMISSION TO GENERAL HOSPITAL AND GENERAL HOSPITAL TO EVACUATION TO THE U.S.A.
(These figures derived from 36038 F.M.R.'s & Disposition Boards for February and March of 1944.)



BEDS OCCUPIED PER 100 U.S. ARMY TROOPS, SWPA



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SECRETSTATUS OF HOSPITAL BEDS, SWPA

a. Summary

Command	Hospital Beds in Theatre		
	Fixed	Mobile	Total
Services of Supply	32000	100	32100
Fifth Air Force	-	125 ^(b)	125
Sixth Army	3900 ^(a)	3700 ^(b)	7600
TOTAL	35900	3925	39825

(a) Attached (b) Assigned

b. SOS Hospital Beds, by Base and by Operating Status

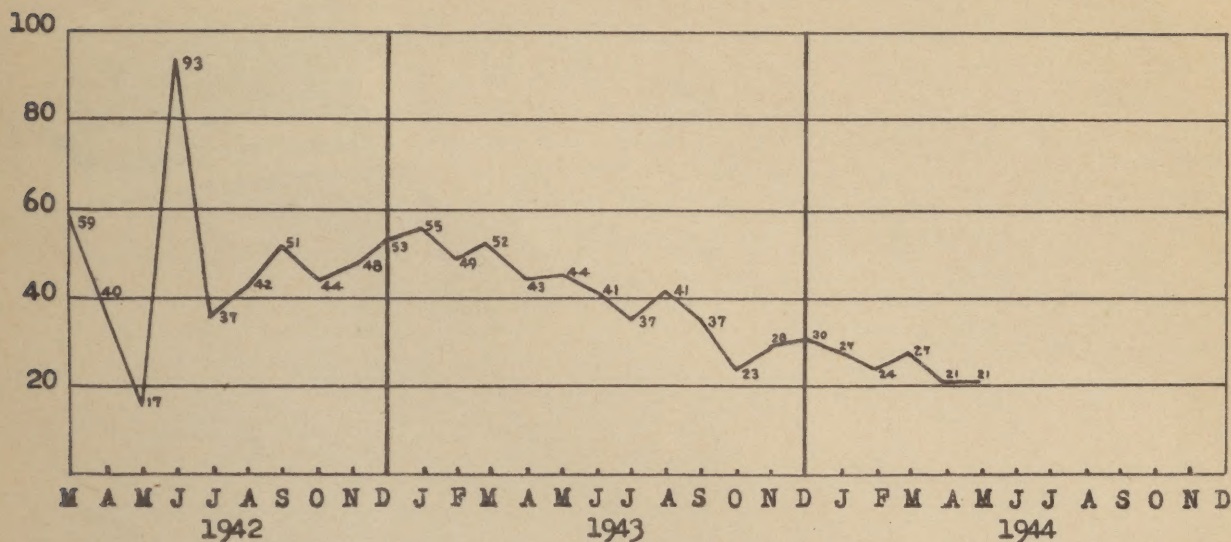
Base	Staging	Under Orders Out of Base	Constructing	T/O Operating	Beds Occupied	% of Operating T/O Beds Occupied	Under Orders Into Base
7	-	1000	-	(100) 1000	678	61.6	-
3	550	1000	-	1500	1618	107.8	-
2	-	600	-	1000	446	44.6	-
1	-	-	-	(200)	95	47.5	-
D	-	1000	-	500	428	85.6	-
A	150	3700	-	4500	4050	90.0	-
B	1000	-	250	1950	2292	117.5	-
E	150	-	-	2600	2616	100.6	-
F	-	1000	1000	5700	4662	81.8	-
G	400	-	550	-	-	-	4750
SHIPS	200	-	-	-	-	-	-
BLAK	-	-	-	-	-	-	2450
WAKIE	400	-	-	-	-	-	1100
TOTALS	2850	8300	1800	19050	16885	88.6	8300

Beds in () are not in the line of evacuation.

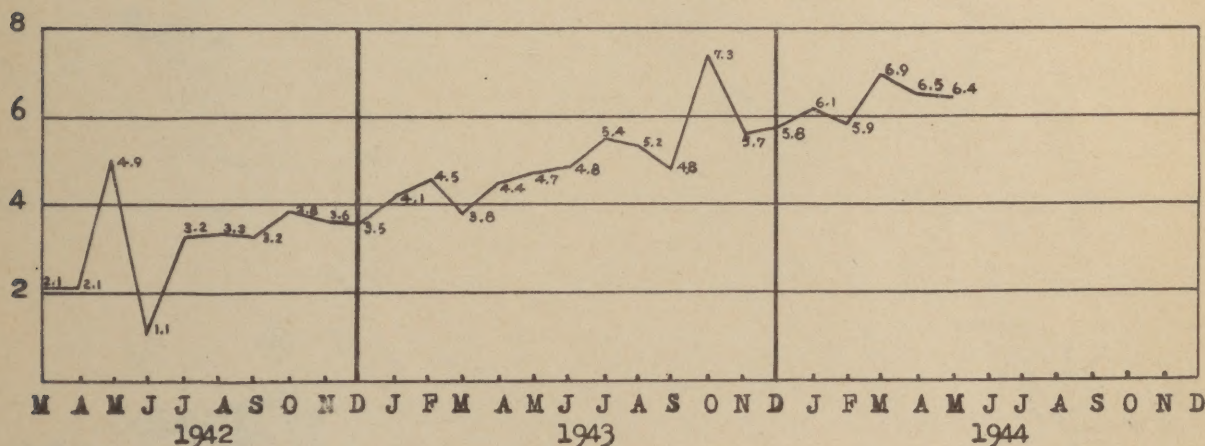
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EXTRACTION RATE PER 1000 PER MONTH, SWPA



PERMANENT RESTORATIONS (FILLINGS) PER TOOTH EXTRACTED, SWPA



The extraction of teeth and treatment of other emergency dental conditions constituted a large proportion of the dental treatment rendered to troops arriving in 1942. Troops arriving subsequently had been placed in a greatly improved dental state before departure for overseas duty and the extraction rate in this theater therefore declined as shown in the upper of the two graphs above; in recent months the rate is less than half of that noted in 1942. The significant increase in the permanent restorations (fillings) per tooth extracted as shown in the lower graph indicates that the reduced requirement to deal with emergency cases has made it possible to increase preventive dental treatment. This should result in a further decline in the extraction rate in the future.

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